

### Solutions

$$3a) (2+x)(y-3) = 2y - 6 + xy - 3x$$

$$3b) (x-10)(y-5) = xy - 5x - 10y + 50$$

$$3c) (3-a)(y+b) = 3y + 3b - ay - ab$$

$$3d) (3x-y)(y+2x) = 3xy + 6x^2 - y^2 - 2xy$$